SONY®

Mini HI-FI Component System

Operating Instructions

LBT-DJ2i

COMPACT
disc
DIGITAL AUDIO

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire, do not cover the ventilation opening of the apparatus with newspapers, tablecloths, curtains, etc.
Do not place the naked flame sources such as lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

Do not expose batteries or apparatus with battery-installed to excessive heat such as sunshine, fire or the like.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

Excessive sound pressure from earphones and headphones can cause hearing loss.

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CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT
```
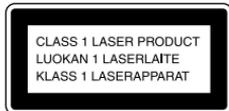
This appliance is classified as a CLASS 1 LASER product. This marking is located on the bottom of the unit.

CAUTION

The use of optical instruments with this product will increase eye hazard.

For customer in the United States

Owner's Record

The model and serial numbers are located on the bottom of the unit. Record these numbers in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The following FCC statement applies only to the version of this model manufactured for sale in the U.S.A. Other versions may not comply with FCC technical regulations.

WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/ TV technician for help.

CAUTION

You are cautioned that any changes or modification not expressly approved in this manual could void your authority to operate this equipment.

Important Safety Instructions

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

For customers in Europe

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

For customers in Europe

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Notice for the customer in the countries applying EU Directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Note on DualDiscs

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

Note on Multi Session disc

When you play back Multi Session discs with different formats for each session, the format of the first session is recognized as the disc type. Tracks in the second and subsequent sessions are played back if they are the same formats as the first session.

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MICROVAULT is a trademark of Sony Corporation.

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

Windows Media is a registered trademark of Microsoft Corporation in the United States and/or other countries.

iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

About this manual

The LBT-DJ2i consists of:
– Unit   HCD-DJ2i
– Speaker System
   • Front speakers   SS-DJ2i
   • Subwoofer   SA-WG2i

Table of Contents

Getting Started

Basic Operations

Other Operations

Additional Information

Guide to parts and controls

This manual mainly explains operations using the buttons on the unit, but the same operations can also be performed using the buttons on the remote having the same or similar names.

Unit

– Front view
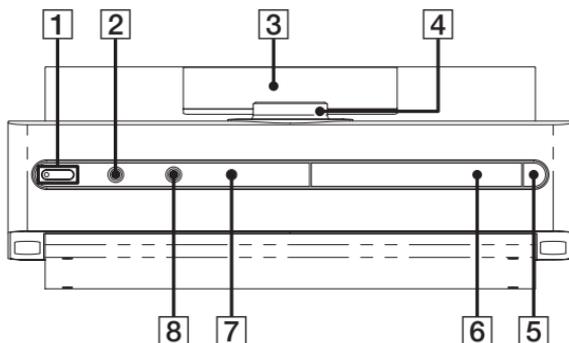
– Top view

Remote

1 **I/**⏻ **(on/standby) (pages 14, 16, 40, 46)**

Press to turn the system on or off.
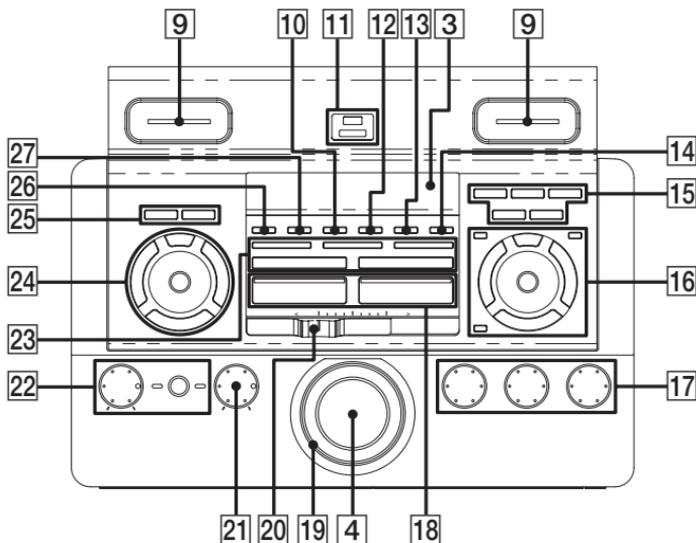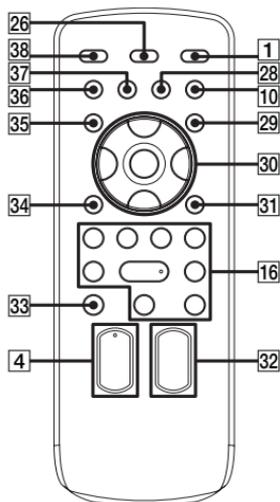
STANDBY indicator

Lights up in green when the system is turned on.
Lights up in red when the system is in standby mode.

2 🎧 **(jack) (pages 31, 49)**

Connect the headphones.

3 **Display (pages 12, 32, 33, 46)**

4 **Unit: VOLUME +/– (pages 18, 25, 27, 28, 41)**

Turn to adjust the speakers volume.

Remote: VOLUME +/–[1]
(pages 18, 20, 25, 27, 28, 38, 41)
Press to adjust the speakers volume.

[1] The VOLUME + button has a tactile dot.
Use the tactile dot as a reference when operating the system.

5 ⏏ **(pages 16, 18, 42)**

Press to open or close the disc tray.

6 **Disc tray (pages 16, 18, 42, 46)**

7 **IR Receptor (page 41)**

8 **MIC (jack) (pages 37, 41, 49)**

Connect an optional microphone.

9 **iPod 1 connector (pages 15, 27, 28)**

iPod 2 connector (pages 15, 27, 28)

Place an optional iPod on the connector to listen to audio contents stored in the iPod.

10 **GROOVE (page 29)**

Press to reinforce the bass.

11 ← **indicator**

Lights up when an optional USB device is recognized, or during transferring or erase operation.

←← **(USB) port (pages 21, 22, 23, 24, 44, 49)**

Connect an optional USB device.

12 **OPTIONS (pages 22, 29, 32)**

Press to select the power illumination pattern, subwoofer level, MP3 BOOSTER+ function and USB SELECT.

13 **ERASE (page 23)**

Press to erase audio files or folders on the connected optional USB device.

14 **REC TO USB (page 22)**

Press to transfer onto the connected optional USB device.

15 Function buttons (on CHANNEL B):
USB (pages 23, 24, 25, 32, 34)
CD (pages 16, 18, 21, 32, 34)
TUNER/BAND (pages 20, 32)
iPod 2 (pages 27, 32)
LINE IN 2 (pages 28, 32)
Press to select a function.

16 Operation buttons for CHANNEL B functions:
Unit: ▷❙❙ (play/pause) (pages 18, 21, 24, 27, 42)
Remote: ►²⁾³⁾ (play) (pages 18, 24, 27, 42)
Remote: ❙❙²⁾ (pause) (pages 18, 27)
Press to start or pause playback.

■²⁾ (stop) (pages 18, 25)
Press to stop playback or transferring.

Unit: ❙◁◁/▷▷❙ (go backward/go forward) (pages 18, 25, 34)
Remote: ❙◀◀ /▶▶❙²⁾ (go backward/go forward) (pages 18, 25, 34)
Press to select a track or file.

Unit: TUNE +/– (page 20)
Remote: +/– (tuning) (pages 20, 35)
Press to tune in a radio station.

▭ +/–²⁾ (pages 18, 25, 34)
Press to select a folder.

Remote: ◀◀/▶▶²⁾ (rewind/fast forward) (pages 18, 25)
Press to find a point in a track or file.

Unit: ENTER (pages 18, 25, 29, 32, 34)
Press to enter the settings.

Unit: MENU/RETURN (pages 18, 25)
Press to return to previous menu of the iPod.
Press to return to the parent folder.
Press to exit search mode.

JOG DIAL (pages 18, 22, 25, 27, 29, 30, 32)
Turn to select a track, file or folder.
Turn to select a setting in OPTIONS menu.
Turn to scroll up or down the iPod menus.

²⁾ To operate the CHANNEL A functions using the remote, press and hold CHANNEL A, then press this button.

³⁾ The ► button has a tactile dot. Use the tactile dot as a reference when operating the system.

17 LOW (page 37)
MID (page 37)
HIGH (page 37)
Turn to adjust the level of frequency band.

18 PAD I (pages 30, 46)
PAD II (page 30)
Press to add percussion sound.

19 Power illuminator

20 CROSS FADER slider (pages 21, 31, 39, 41)
Slide to the left or right to blend the sound from CHANNEL A and B.

21 MIC LEVEL (pages 37, 41)

Turn to adjust the microphone volume.

22 ∩ CHANNEL SELECT (page 31)

Press to listen to CHANNEL A or B through a headphone.

A/B indicator

Indicate the selected CHANNEL output to the headphone.

∩ LEVEL (page 31)

Turn to adjust the headphone volume level.

23 BEAT ON/OFF (page 30)

Press to turn on or off the rhythms of the beat.

BEAT PATTERN (page 30)

Press to select the rhythms of the beat.

BEAT LEVEL (page 30)

Press to adjust the beat level.

BPM CONTROL (page 30)

Press to input the tempo of the audio source.

BEAT SPEED (page 30)

Press to change the beat speed.

24 Operation buttons for CHANNEL A functions:

▷ⅠⅠ (play/pause) (page 27)

Press to start or pause playback.

Ⅰ◁◁/▷▷Ⅰ (go backward/go forward) (page 27)

Press to select a track or file.

ENTER (pages 29, 32)

Press to enter the settings.

MENU/RETURN (page 28)

Press to return to previous menu of the iPod.
Press to return to the parent folder.
Press to exit search mode.

JOG DIAL (pages 27, 29, 30, 32)

Turn to select a setting in OPTIONS menu.
Turn to scroll up or down the iPod menus.

25 Function buttons (on CHANNEL A):

iPod 1 (pages 27, 32)
LINE IN 1 (pages 28, 32)

Press to select a function.

26 DISPLAY (pages 17, 28, 32, 33, 36)

Press to change the information in the display.

27 SURROUND (page 29)

Press to select the surround effect.

28 CLEAR (page 35)

Press to delete a pre-programmed track or file.

29 TIMER MENU (pages 17, 38, 39)

Press to set the clock and the timers.

30 ↑/↓/←/→[2] (pages 17, 27, 38)
Press to select the menu items.

⊕[2] (pages 17, 27, 35, 38)
Press to enter the settings.

31 TOOL MENU[2] (page 28)
Press to return to previous menu of the iPod.

32 FUNCTION +/– (pages 18, 20, 23, 27, 28)
Press to select a function on CHANNEL B.
To select a function on CHANNEL A, press and hold CHANNEL A, then press this button.

33 CHANNEL A (pages 27, 28)
Press and hold to activate the orange printing button to operate the CHANNEL A function.
For example, press and hold CHANNEL A, then press ▶ to start playback iPod 1.

34 ⟲ RETURN[2] (page 28)
Press to return to previous menu of the iPod.
Press to return to previous display of the OPTIONS menu.

35 TUNER MEMORY (page 35)
Press to preset a radio station.

36 PLAY MODE/TUNING MODE[2] (pages 19, 20, 26, 34, 36, 42, 46)
Press to select the play mode of CD, USB or iPod function.
Press to select the tuning mode.

37 REPEAT/FM MODE[2] (pages 18, 20, 25, 46)
Press to change the Repeat Play setting.
Press to select the FM monaural or stereo reception.
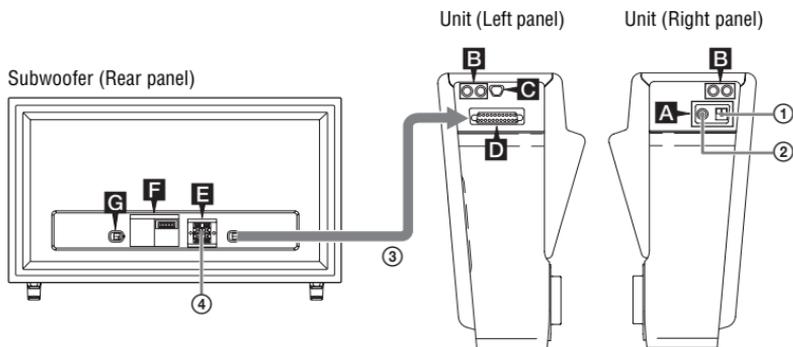
38 SLEEP (page 38)
Press to set the Sleep Timer.

[2] To operate the CHANNEL A functions using the remote, press and hold CHANNEL A, then press this button.

11^{GB}

Information on the display
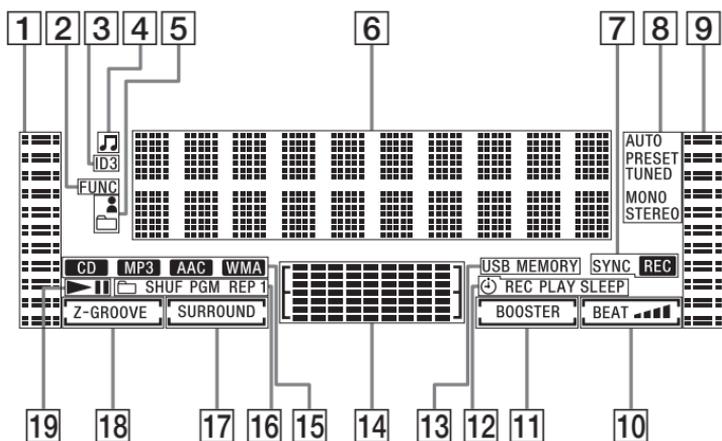
1. Indicator for the level of the audio source play back on CHANNEL A.
2. Lights up for a few seconds during function change.
3. Lights up when the MP3 file contains ID3 tag information.
4. Lights up when a file name is displayed (page 33).
5. "♪" lights up when an artist name is displayed. "☐" lights up when a folder name is displayed.
6. Displays the current status and information (page 33).
7. Lights up during transferring onto an optional USB device (page 21).
8. Indicators for the TUNER function (pages 20, 35).
9. Indicator for the level of the audio source play back on CHANNEL B.
10. Indicator for BEAT BLEND level (page 30).
11. Lights up when MP3 BOOSTER+ function is activated (page 29).

12. Lights up when the timer is set (page 38).
13. Lights up when an optional USB device is recognized (page 21).
14. Indicator for equalizer (page 37).
15. Indicates the type of disc or file that the system recognized.
16. Indicates the selected play mode (pages 19, 26).
17. Lights up when surround effect is activated (page 29).
18. "GROOVE" lights up when "GROOVE ON" is selected. "Z-GROOVE" lights up when "Z-GROOVE ON" is selected (page 29).
19. "▶" lights up during playback. "▶II" lights up when playback is paused.

Getting Started

Hooking up the system

Subwoofer (Rear panel)

Unit (Left panel)   Unit (Right panel)

① To AM loop antenna
② To FM lead antenna
③ From subwoofer
④ To front speakers

A Antennas

Find a location and an orientation that provide good reception, and then set up the antennas.
The FM 75 Ω COAXIAL jack varies according to models.

Extend the FM lead antenna horizontally

AM loop antenna
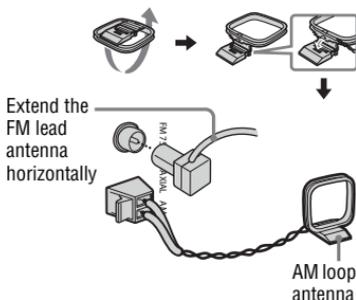
Note

Keep the antennas away from the speaker cords, the power cord and the USB cable to avoid picking up noise.

B LINE IN 1 L/R, LINE IN 2 L/R jacks

Use an audio cord to connect to the audio output jacks of an optional component (such as a portable audio player).

13^{GB}

C D-LIGHT SYNC OUT jack

Connect the D-LIGHT SYNC controller. You need to connect the D-LIGHT SYNC controller to a lighting device* (not supplied). The lighting device will react according to the control signals transmitted by the D-LIGHT SYNC controller upon receiving music source from the system. For details on the use of the D-LIGHT SYNC controller and lighting device, refer to the operating instructions supplied with the respective device.


D-LIGHT SYNC controller cord

* Refer to the operating instructions supplied with the D-LIGHT SYNC controller for the recommended lighting device.

Note

The lighting effect may be different depending on the connected lighting device or the type of music being played back.

D SYSTEM CONTROL jack

Connect the system connector of subwoofer to the SYSTEM CONTROL jack on the unit.
Insert the plug of the SYSTEM CONTROL cord into the jack, then secure the screws of the plug.

Unit (Left panel)

Subwoofer (Rear panel)

Plug

Screws   SYSTEM CONTROL cord
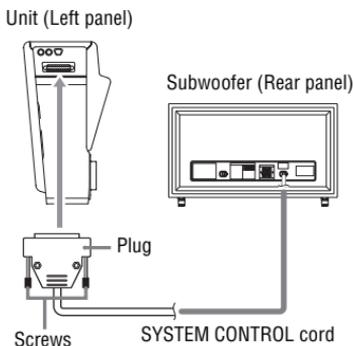
E FRONT SPEAKER terminals

Connect the front speaker left/right to the terminals on the subwoofer.
Insert only the stripped portion of the speaker cords into the FRONT SPEAKER terminals.
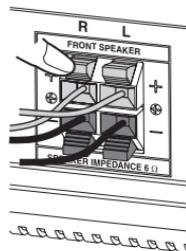
Note

Be sure to use only the supplied speakers.

F VOLTAGE SELECTOR

For models equipped with a voltage selector on the subwoofer, set VOLTAGE SELECTOR to the position of your local power line voltage.
Depending on the model, the VOLTAGE SELECTOR may differ.
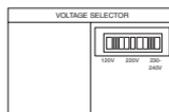
G Power

Connect the power cord on the subwoofer to a wall outlet after you have make all connections. The demonstration appears in the display. When you press I/(¹), the system turns on and the demonstration automatically ends.
If the supplied adaptor on the plug does not fit your wall outlet, detach it from the plug (only for models equipped with an adaptor).

Using the iPod

Insert the iPod Dock Adapter into the iPod 1 or 2 connector before use.
For details on the supplied iPod Dock Adapters, refer to the operating instructions supplied with the iPod Dock Adapter.

To remove the iPod Dock Adapter, pull it up with your fingernail or a flat object using the slot inside the adapter.

Slot
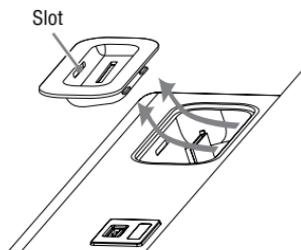
Using the remote

Slide and remove the battery compartment lid, and insert the two supplied R6 (size AA) batteries, ⊖ side first, matching the polarities shown below.
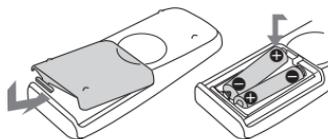
Notes
- If you do not use the remote for a long period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.
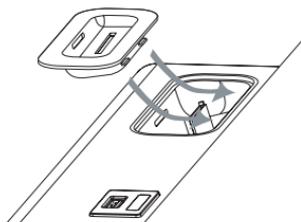- With normal use, the batteries should last for about six months. When the remote no longer operates the system, replace both batteries with new ones.
- Batteries installed devices shall not be exposed to excessive heat such as sunshine, fire or the like.

Attaching the speaker pads

Attach the supplied speaker pads at each corner on the bottom of the front speakers to stabilize the speakers and to prevent them from slipping.
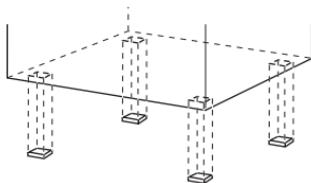
When carrying the unit

Do the following procedure to protect the disc mechanism.
Use the buttons on the unit for the operation.

1 Press I/$\circlearrowleft$ to turn on the system.

2 Press CD.

3 Press $\triangleq$ to open the disc tray and remove the disc.

4 Press $\triangleq$ again to close the disc tray. Wait until "No Disc" appears in the display.

5 Hold down CD and then press I/$\circlearrowleft$ until "STANDBY" appears in the display. Then, "MECHA LOCK" appears in the display.

6 Unplug the AC power cord.

Note

Before carrying the unit, be sure to disconnect the USB device or iPod(s).

Positioning the speakers

You can place your speakers as shown below.

Ⓐ Front speaker (left)
Ⓑ Front speaker (right)
Ⓒ Subwoofer
Ⓓ Unit

Example 1:
Place the speakers at an equal distance from your listening position.
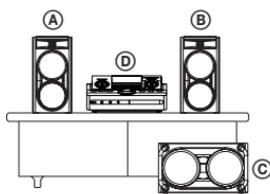
Example 2:
This placement suitable for Djing.
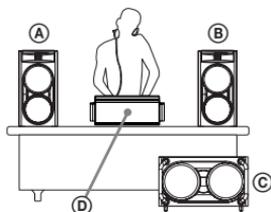
Notes
• Place the speakers at least 0.3 meter (1 foot) away from the unit.
• Be sure to place the subwoofer horizontally.

Setting the clock

Use buttons on the remote for the operation.

1 Press I/⏻ to turn on the system.

2 Press TIMER MENU.

The hour indication flashes in the display.
If "PLAY SET?" flashes in the display, press ♦ or ♦ repeatedly to select "CLOCK SET?", then press ⊕.

3 Press ♦ or ♦ repeatedly to set the hour.

4 Press ⊕.

The minute indication flashes in the display.

5 Press ♦ or ♦ repeatedly to set the minute.

6 Press ⊕.

The clock starts functioning.

Note

The clock settings are canceled when you disconnect the power cord or if a power failure occurs.

To display the clock when the system is off

Press DISPLAY repeatedly until the clock is displayed. The clock is displayed for a few seconds (except when iPod is connected).
When an iPod is connected, the display will change to clock automatically. For details, see page 32.

Basic Operations

Playing a CD/MP3 disc

1 Press CD (or FUNCTION +/– on the remote repeatedly to select "CD").

2 Press ⏏.

3 Load a disc with the label side facing up on the disc tray.

When you play back an 8 cm disc such as a CD single, place it on the inner circle of the tray.
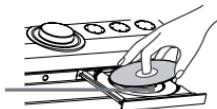
4 Press ⏏ to close the disc tray.

Do not forcibly push the disc tray to close it as this may cause a malfunction.

5 Press ▷◫◫ on CHANNEL B (or ► on the remote) to start playback.

6 Turn VOLUME +/– (or press VOLUME +/– on the remote) to adjust the volume.

Other operations

To	Do this
Stop playback	Press ■.
Pause playback	Press ▷◫◫ on CHANNEL B (or ❚❚ on the remote). Press ▷◫◫ (or ❚❚ on the remote) again to resume playback.

To	Do this
Select a track or file	Press ⏮◁ or ▷⏭ on CHANNEL B (or ⏮◀ or ▶⏭ on the remote) repeatedly. For AUDIO CD, you can also turn JOG DIAL on CHANNEL B, then press ENTER on CHANNEL B. (TRACK SEARCH)
Select a folder on an MP3 disc	Press ☐ +/– repeatedly, then press ENTER on CHANNEL B.
Select a file on an MP3 disc while viewing the folder and file names on the display (TRACK SEARCH)	Use buttons on CHANNEL B for the operations. **1** Turn JOG DIAL to select the folder you want, then press ENTER. **2** Turn JOG DIAL to select the file you want, then press ENTER. To return to the previous operation, press RETURN.
Find a point in a track or file[1]	Hold down ⏮◁ or ▷⏭ (or ◀◀ or ▶▶ on the remote) during playback, then release it at the point you want.
Playback all the tracks or files on the disc or in the folder[2] repeatedly[3] (Repeat Play)	Press REPEAT on the remote repeatedly during playback until "REP" lights up in the display.
Playback a single track or file repeatedly[4] (Repeat Play)	Press REPEAT on the remote repeatedly during playback until "REP 1" lights up in the display.

[1] The elapsed playing time may not be displayed correctly depending on the MP3 files.
[2] When " " or " SHUF" is selected for MP3 files.
[3] Playback repeatedly up to five times.
[4] A track or file is played back repeatedly until you stop playback.

To change the play mode

Press PLAY MODE on the remote repeatedly when playback is stopped. You can select the following play mode.
– Normal Play (all tracks or MP3 files on the disc) (" ", "SHUF" and "PGM" light off)
– Normal/Folder Play (all MP3 files in the folder or all tracks on the disc) (" "* lights up)
– Shuffle Play ("SHUF" or " SHUF"* light up)
– Program Play ("PGM" lights up) (page 34)

* When playing an AUDIO CD, (SHUF) Play performs the same operation as Normal (Shuffle) Play.

Notes on playing discs

• The following discs/situations can increase the time it takes to start playback:
 – a disc recorded with a complicated tree structure.
 – a disc recorded in Multi Session.
 – a disc to which data can be added (non-finalized disc).
 – when the files in another folder have just been played back.
• When the disc is loaded, the system reads all the files on that disc. If there are many folders or non-MP3 files on the disc, it may take a longer time for playback to begin or for the next MP3 file to start playback.
• MP3 files are played back in the order that they are recorded onto the disc.
• You are recommended not to save other types of files or unnecessary folders on a disc that has MP3 files.
• The system can only play back MP3 files with the extension ".mp3".
• Attempting to play back non-MP3 format files that have the extension ".mp3" may result in noise or malfunction.
• A folder that does not include an MP3 file is skipped.
• The system can recognize the maximum of
 – 255 folders (including the root folder).
 – 511 MP3 files.
 – 512 MP3 files and folders on a single disc.
 – 8 folder levels.
• Depending on the encoding/writing software, recording device, or the recording media used to record an MP3 file, you may encounter problems such as cannot play back, sound interruptions and noise.

Basic Operations

Listening to the radio

Use buttons on the remote for the operation.

1 Press FUNCTION +/– repeatedly to select FM or AM band.

2 Press TUNING MODE repeatedly until "AUTO" lights up in the display.

3 Press +/–.

You can also use TUNE +/– on the unit.
Scanning stops automatically when a station is tuned in and "TUNED" lights up in the display. When a FM stereo program is tuned in, "STEREO" lights up in the display.

Note

If "TUNED" does not light up and scanning does not stop, see "To tune in a station with a weak signal" below.

4 Press VOLUME +/– to adjust the volume.

To stop automatic scanning

Press ■.

To tune in a station with a weak signal

Use buttons on the remote for the operation.

1 Press TUNING MODE repeatedly until "AUTO" and "PRESET" disappear from the display.

2 Press +/– repeatedly to tune in the station you want.

You can also use TUNE +/– on the unit.

To change the AM tuning interval (Except for European model)

The factory setting for AM tuning interval is 9 kHz (or 10 kHz for some areas). Use the buttons on the unit for the operation.

1 Press TUNER/BAND repeatedly to select AM band.

2 Press I/⏻ to turn off the system.

3 When demonstration appears, hold down ENTER on CHANNEL B and then press I/⏻.

The system turn on automatically. "AM 9K STEP" or "AM 10K STEP" appears in the display.

When you change the interval, all the AM preset stations are erased.

Tip

To improve broadcast reception, adjust the supplied antennas, or connect an external antenna.

To reduce static noise on a weak FM stereo station

Press FM MODE on the remote repeatedly until "MONO" lights up in the display.
There will be no stereo effect, but the reception will improve.

Transferring onto an USB device

You can transfer music from a sound source to an optional USB device by connecting it to the ←↔ (USB) port on the unit.

The audio format transferred by this system is MP3. The approximate size of the transferring is about 1 MB per minute of transferring time (except MP3 disc). The files those are transferred onto the USB device is for personal use only.

See "Compatible devices with this system" (page 52) for a list of USB devices that can be connected to this system.

There are three ways to transfer onto an USB device.

CD-USB Synchronized Transfer:

You can easily transfer an entire disc onto an USB device.

REC1 Transferring:

You can easily transfer a single track or file from a disc that is currently being played back onto an USB device.

Manual Transferring:

You can transfer just the portion you want from a sound source (except CD).

Notes
- If the BEAT BLEND is activated during Manual Transferring, the beat sound will be transferred onto the USB device.
- The level of transferred sound during Manual Transferring is depends on the CROSS FADER slider position.

Use buttons on the unit for the operation.

1 Connect a transferable USB device to the ←↔ (USB) port on the unit.

USB device
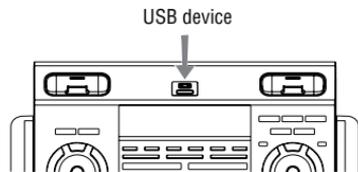
2 Prepare the transferring source.

For CD-USB Synchronized Transfer:

Press CD, then load the disc you want to transfer on the disc tray.
You can transfer tracks or files on a disc in the order you want using Program Play. Perform steps 2 to 6 of "Creating your own program" on page 34. However, the play mode automatically changes to Normal Play, if you start transferring in Program Play with no tracks or files are programmed, Shuffle Play or Repeat Play.

For REC1 Transferring:

Press CD, then load the disc you want to transfer on the disc tray. Select the track or file you want to transfer, then press ▷▌▌ on CHANNEL B.

For Manual Transferring:

Press the function button (except CD) to select the source you want to transfer.
If you want to record the "mix" sound from 2 audio source, select a function button on both CHANNEL A and B. The recorded sound is depends on the CROSS FADER slider position. For details, refer page 31.

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3 Start transferring.

For CD-USB Synchronized Transfer:
Press REC TO USB.
"SYNC" and "REC" light up in the display. Then, transferring starts when "Don't Remove USB" appears in the display.
When the transferring is completed, the disc and the USB device stop automatically.

For REC1 Transferring:
Press REC TO USB.
"REC" lights up in the display. Then, transferring starts when "Don't Remove USB" appears in the display.
When the transferring is completed, the disc continues to play.

For Manual Transferring:
Press REC TO USB.
"REC" lights up in the display. Then, transferring starts when "Don't Remove USB" appears in the display. Start playback the source to be transferred.
A new file is automatically created after approximately 1 hour of transferring.
You can also create a new file any time during transferring by pressing REC TO USB. "New Track" appears in the display and transferring continues as a new file.
However, if you press REC TO USB after a few seconds from the new file creation, the file cannot be created and "Not in Use" appears in the display.
To stop transferring, press ■.

Tip
If noise is heard while transferring from the radio, move the respective antenna to reduce the noise.

Notes
- Transferring stops automatically when you change the function or tuner band on CHANNEL B.
- When a new MP3 file is created, a few seconds of music source would be lost.

To select the transferring destination on the USB device
If the USB device has more than one memory (for example, internal memory and a memory card), you can select which memory to read to and then start transferring.

1 Connect the USB device to the ⟵⟶ (USB) port on the unit.

2 Press OPTIONS.

3 Turn JOG DIAL to select "USB SELECT".

4 Press ENTER.
   The name of a memory is displayed. The displayed name vary depending on the specifications of the USB device.

5 Turn JOG DIAL to select the drive you want.
   If only one memory can be selected, proceed to step 6.
   To cancel this operation, press OPTIONS.

6 Press ENTER, then press OPTIONS to exit the OPTIONS menu.

7 Start transferring by following steps 2 and 3 of "Transferring onto an USB device" (page 21).

To remove the USB device

1 Press USB (or FUNCTION +/– on the remote repeatedly to select "USB").

2 When playback is stopped, hold down ■ on the unit until "No Device" appears in the display.

3 Remove the USB device.

To erase audio files or folders from the USB device

You can erase audio files or folders from the USB device.

1 Connect a transferable USB device to the ←⇇ (USB) port on the unit.

2 Press USB (or FUNCTION +/– on the remote repeatedly to select "USB").

3 To erase an audio file, press ⏴⏴ or ⏵⏵⏵ on CHANNEL B (or ⏮ or ⏭ on the remote) repeatedly to select the audio file.
To erase a folder, press ⌐⌐ +/– repeatedly to select the folder.

4 Press ERASE.
"Track Erase ?" or "Folder Erase ?", and "Push ENTER" appear alternatively in the display.
To cancel the erase operation, press ■.

5 Press ENTER on CHANNEL B (or ⊕ on the remote).
The selected audio file or folder is erased.

Notes
- The program list is cleared when you perform the erase operation.
- You cannot erase audio files and folders in Shuffle Play mode or Program Play mode.

Folder and file generation rules

When transferring to an USB device for the first time, a "MUSIC" folder is created directly below the "ROOT". Folders and MP3 files are generated within this "MUSIC" folder as follows according to the transferring method.

CD-USB Synchronized Transfer[1]

Transferring source	Folder name	File name
MP3 disc	Same as the transferring source[2]	
AUDIO CD	CDDA001[3]	TRACK001[4]

REC1 Transferring

Transferring source	Folder name	File name
MP3 disc	REC1[5]	Same as the transferring source[2]
AUDIO CD		TRACK001[4]

Manual Transferring

Transferring source	Folder name	File name
TUNER FM	FLDR001[3]	TRACK001[4]
TUNER AM		
LINE IN		
iPod		

[1] In Program Play mode, the folder name is "PGM_xxx", and the file name depends on the transferring source (AUDIO CD or MP3 disc).
[2] Up to 32 characters of the name are assigned.
[3] Folder numbers are assigned serially thereafter.
[4] File numbers are assigned serially thereafter.
[5] A new file is transferred in the "REC1" folder each time REC1 Transferring is performed.

Notes

• Do not remove the USB device during transferring or erase operations. Doing so may corrupt the data on the USB device or damage the USB device itself.
• Do not connect the system and the USB device through an USB hub.
• You cannot eject the disc during transferring from disc to USB.
• When transferring from an MP3 disc, MP3 files are transferred with the same bit rate as the original MP3 files.
When transferring from other sound source, the tracks are transferred as 128 kbps MP3 files.
• While transferring from an MP3 disc, no sound is output.
• If you cancel the transferring partway, an MP3 file is created up to the point when the transferring was stopped.
• Transferring stops automatically if:
  – the USB device runs out of space during transferring.
  – the number of audio files on the USB device reaches the limit for the number that the system can recognize.
• A folder that contains non-audio format files or sub folders cannot be erased.
• The maximum number of folders that can be created on a single USB device by this system is 997.
The maximum number of MP3 files that can be created on a single USB device by this system is 999.
The maximum number of audio files and folders may vary depending on the audio file and folder structure.
• If a folder or file that you are trying to transfer already exists on the USB device with the same name, a sequential number is added after the name without overwriting the original folder or file.
• If you perform transferring after the erase operation, the new transferred files or folders may have the name that same as the erased files or folders. Therefore, the playback sequence may different from the transferring sequence.

Listening to music of an USB device

You can listen to music stored in an optional USB device by connecting it to the ⟵⟶ (USB) port on the unit.
The audio formats that can be played back by this system are as follows:
MP3*/WMA*/AAC*
When playback from a USB device, you can select the internal memory or memory card as a playback source. For details, see steps 1 to 6 of "To select the transferring destination on the USB device" (page 22). See "Compatible devices with this system" (page 52) for a list of USB devices that can be connected to this system.

* Files with copyright protection (Digital Rights Management) cannot be played back by this system.
  Files downloaded from an online music store may not be played back by this system.

1 Press USB (or FUNCTION +/– on the remote repeatedly to select "USB").

2 Connect an optional USB device to the ⟵⟶ (USB) port on the unit.

When the USB device is connected, the display changes as follows:
USB Reading → volume label*

* "Storage Drive" appears when there is no volume label assigned to the USB device. "WALKMAN" appears when a Sony digital music player is connected.

Note
Depending on the type of USB device, it may take a few seconds before "USB Reading" appears in the display.

3 Press ▷⏸ on CHANNEL B (or ► on the remote).

4 **Turn VOLUME +/– (or press VOLUME +/– on the remote) to adjust the volume.**

To remove the USB device

1 Press USB (or FUNCTION +/– on the remote repeatedly to select "USB").

2 When playback is stopped, hold down ■ on the unit until "No Device" appears in the display.

3 Remove the USB device.

Other operations

To	Do this
Stop playback	Press ■. To cancel resume playback, press ■ twice and check that "RESUME" disappears from the display.
Pause playback	Press ▷〇〇 on CHANNEL B (or ❚❚ on the remote). To resume playback, press ▷〇〇 on CHANNEL B (or ❚❚ on the remote) again.[1]
Select the next or previous folder	Press ☐ +/– repeatedly, then press ENTER on CHANNEL B.
Select the next or previous file	Press I◁◁ or ▷▷I on CHANNEL B (or I◀◀ or ▶▶I on the remote) repeatedly, then press ENTER on CHANNEL B.

To	Do this
Select a file while viewing the folder and file names on the display (TRACK SEARCH)	Use buttons on CHANNEL B for the operations. **1** Turn JOG DIAL to select the folder you want, then press ENTER. **2** Turn JOG DIAL to select the file you want, then press ENTER. To return to the previous operation, press RETURN.
Find a point in a file	Hold down I◁◁ or ▷▷I on CHANNEL B (or ◀◀ or ▶▶ on the remote) during playback, then release it at the point you want.
Playback all the files in the USB device or the folder repeatedly (Repeat Play)	Press REPEAT on the remote repeatedly during playback until "REP" lights up in the display.
Playback a file repeatedly[2] (Repeat Play)	Press REPEAT on the remote repeatedly during playback until "REP 1" lights up in the display.

[1] When playing an VBR (variable bit rate) audio file, the system may resume playback from a different point.
[2] A file is playback repeatedly until you stop playback.

Basic Operations

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To change the play mode

Press PLAY MODE on the remote repeatedly when playback is stopped. You can select the following play mode.

– Normal Play (all files on the USB device) ("⌷", "SHUF" and "PGM" light off)
– Normal/Folder Play (all files in the folder on the USB device) ("⌷" lights up)
– Shuffle Play ("SHUF" or "⌷ SHUF" lights up)
– Program Play ("PGM" lights up) (page 34)

Notes on USB device

• The following situations can increase the time it takes to start playback:
  – the folder structure is complex.
  – the memory capacity is excessive.
• When the USB device is connected, the system reads all the files on the USB device. If there are many folders or files on the USB device, it may take a long time to finish reading the USB device.
• Do not connect the system and the USB device through an USB hub.
• Depending on the previous operation you have performed with the USB device, the operation time for the USB device may vary.
• If the system is turned off during Resume Play mode, when the system is turned on again playback starts from the beginning of the audio file.
• This system does not necessarily support all the functions provided in a connected USB device.
• The playback order for the system may differ from the playback order of the connected USB device.
• Always hold down ■ on the unit and make sure that "No Device" appears before removing the USB device. Removing the USB device while "No Device" is not displayed may corrupt the data on it or damage the USB device itself.

• You are recommended not to save other types of files or unnecessary folders on an USB device that has audio files.
• A folder that does not include an audio file is skipped.
• Files and folders are played back in alphabetical order in this system.
• The system can only play back
  – MP3 files with the extension ".mp3".
  – WMA files with the extension ".wma".
  – AAC files with the extension ".m4a".
  Note that even when file names have the above file extensions, if the actual file differs, the system may produce noise or may malfunction.
• The system can recognize the maximum of
  – 999 folders.
  – 999 audio files.
  The maximum number of audio files and folders may vary depending on the audio file and folder structure.
• Compatibility with all encoding/writing softwares, recording devices, and recording media cannot be guaranteed. Incompatible USB device may produce noise or interrupted audio or may not play back at all.
• Do not carry the unit when the USB device is connected. When you are not using the USB device, disconnect it.
• After you have connected the USB device, be sure to handle the USB device with care otherwise it may cause a malfunction.

Playing the iPod

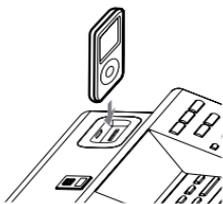You can listen to audio contents stored in the iPod on this system.

1 Press iPod 1 or iPod 2.

Using the remote:

Press and hold CHANNEL A, then press FUNCTION +/– repeatedly to select "iPod 1".
Press FUNCTION +/– repeatedly to select "iPod 2".

2 Place the iPod(s).

3 Press ▷❙❙ on respective CHANNEL (or ▶* on the remote) to start playback.

* To play back the iPod 1, press and hold CHANNEL A, then press this button.

4 Turn VOLUME +/– (or press VOLUME +/– on the remote) to adjust the volume.

Notes
- To control the iPod connected to the iPod 1 connector, use the buttons on CHANNEL A on the unit. If you want to control the iPod using the remote, press and hold CHANNEL A, then press the button you want.
- When you connect an iPod to the unit, the iPod is automatically turned on if the system is turned on.
- When placing or removing the iPod, handle the iPod in the same angle as that of the iPod connector on the unit and do not twist or sway the iPod to prevent connector damage.
- Do not carry the unit with an iPod set on the connector. Doing so may cause a malfunction.

- When placing or removing the iPod, brace the unit with one hand and take care not to press the controls of the iPod by mistake.
- Before disconnecting the iPod, pause playback.
- Depending on the connected iPod, you may not able to use ◀◀ or ▶▶ while playing video. In this case, you can fast rewind or fast forward by holding down ❙◀◀ or ▶▶❙ (or ❙◀◀ or ▶▶❙ on the remote).
- To change the volume level, use VOLUME +/–. The volume level does not change even if adjusted on the iPod.
- This iPod 1 and iPod 2 connector are designed for iPod only. You cannot connect any other portable audio players.
- To use an iPod, refer to the operating instructions of your iPod.
- Sony cannot accept responsibility in the event that data recorded to iPod is lost or damage when using an iPod with this unit.
- Some iPod operations may not be performed using buttons on the unit or remote.

Other operations

You can control your iPod with the following buttons on the remote or unit. The remote buttons are assigned to control functions on CHANNEL B, if you want to control the iPod connected to the iPod 1 connector, press and hold CHANNEL A, then press the button you want.

To	Do this
Pause playback	Press ▷❙❙ (or ❙❙ on the remote).
Scroll up/down the iPod menus	Turn the JOG DIAL (or press ▲/▼ repeatedly on the remote).
Select a track or chapter of audiobook/podcast	Press ❙◀◀ or ▶▶❙ (or ❙◀◀ or ▶▶❙ on the remote) repeatedly.
Choose the select item	Press ENTER (or ➡ or ⨁ on the remote).

To	Do this
Fast forward or fast rewind Play	Hold down ⊲⊲ or ▷▷ (or ◄◄ or ►► on the remote) during playback, then release it at the point you want.
Work much like the Menu button on the iPod	Press MENU/RETURN (or ◄ or TOOL MENU or ⟲ RETURN on the remote). You can return to the previous menu or select a menu much like the Menu button on the iPod or the touch operation of the iPod touch.
Set iPod to Shuffle Songs	Press PLAY MODE on the remote repeatedly.
Set iPod to Repeat Songs	Press REPEAT on the remote repeatedly.

Note
To control the iPod connected to the iPod 1 connector, use the buttons on CHANNEL A on the unit. To control the iPod connected to the iPod 2 connector, use the buttons on CHANNEL B on the unit.

To use the system as a battery charger

You can use the system as a battery charger for the iPod when the system is on or off.
The charging begins when the iPod is placed on the iPod 1 or iPod 2 connector. The charging status appears in the iPod screen and when the system is off the display of the unit change to clock. For details, see the operating instructions of your iPod.

To stop charging the iPod

Remove the iPod. If you stop charging the iPod when the system is off, press DISPLAY repeatedly until the display is turned off (Power Saving mode).

Using optional components

1 Connect a portable audio player to the LINE IN 1 or LINE IN 2 jacks using audio cord (not supplied).

2 Turn VOLUME +/– counterclockwise (or press VOLUME – on the remote) to turn down the volume.

3 Press LINE IN 1 on CHANNEL A or LINE IN 2 on CHANNEL B.

Using the remote:

Press and hold CHANNEL A, then press FUNCTION +/– repeatedly to select "LINE IN 1".
Press FUNCTION +/– repeatedly to select "LINE IN 2".

If you want to hear the sound from both connected component at once, select both functions on the unit.

4 Start playing the connected component(s).

5 Turn VOLUME +/– (or press VOLUME +/– on the remote) to adjust the volume.

Adjusting the sound

To add a sound effect

To	Do this
Reinforce the bass and create a more powerful sound	Press GROOVE repeatedly until "GROOVE"* or "Z-GROOVE"* lights up in the display.
Set the surround effect	Press SURROUND repeatedly until "SURROUND" lights up in the display.

* The volume switches to power mode and the equalizer curve changes.

Enhancing the sound quality

You can enhance the sound quality by using the MP3 BOOSTER+ function.

1 Press OPTIONS.

2 Turn JOG DIAL to select "MP3 BOOSTER+", then press ENTER.

3 Turn JOG DIAL to select "AUTO", then press ENTER.
To exit the OPTIONS menu, press OPTIONS.

Note

When an audio file is played back, the MP3 BOOSTER+ function is automatically activated if you have set "MP3 BOOSTER+" to "AUTO". "BOOSTER" lights up in the display.

Adjusting the subwoofer level

You can adjust the subwoofer level to output the low frequency sound.

1 Press OPTIONS.

2 Turn JOG DIAL to select "SUBWOOFER LEVEL", then press ENTER.

3 Turn JOG DIAL to select the subwoofer level you want, then press ENTER.
You can adjust the subwoofer level in 4 levels (0 dB, 4 dB, 7 dB, 10 dB). To exit the OPTIONS menu, press OPTIONS.

Creating a party atmosphere

— Inspiring the DJ's mood

Using the drum pads

— BEAT BLEND

With the drum pads, you can add percussion during playback. This effect can be used with any source.

To	Do this
Add the drum sound	Press PAD I or PAD II to produce the respective sound.
Change the drum sound	Hold down PAD I or PAD II, then turn JOG DIAL to select the sound you want. The name of the drum sound appears in the display. The sound you select will be stored in PAD I or PAD II.
Create a drum roll	**1** Hold down PAD I and PAD II. "CHAIN" appears in the display. **2** Turn JOG DIAL clockwise to output the PAD II sound and counterclockwise to output the PAD I sound.
Adjust the volume of the drum	Press BEAT LEVEL repeatedly.

Tip

The PAD I and PAD II indicator light up when you press the respective button.

Using the beat functions

With the beat functions, you can enjoy a variety of rhythms. They can be used with any source.

1 **Press BEAT ON/OFF repeatedly to turn off the beat pattern.**

2 **Hold down BEAT PATTERN and turn JOG DIAL to select the beat pattern you want.**

3 **Press BPM CONTROL once to start the tempo input.**

```
+B  B  B  B  S
1st BEAT
 Z-GROOVE    [ ---------- ]    BEAT
```
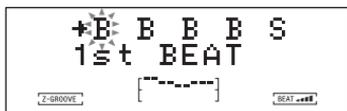
4 **By following the tempo of the music, press BPM CONTROL 4 times to input the tempo.**

Each time you press BPM CONTROL, the flashing "B" will be replaced with a box.

5 **Press BPM CONTROL again to start playback of the beat pattern.**

The BPM (Beat Per Minute) value appears in the display.

To change the beat pattern

Hold down BEAT PATTERN and turn JOG DIAL to select the beat pattern you want.
The name of the beat pattern appears in the display.

To change the beat speed

Hold down BEAT SPEED and turn JOG DIAL to select the speed you want (BPM 40 – 200).

To return the beat speed to default setting (BPM 120)

Press MENU/RETURN on CHANNEL A and BEAT SPEED simultaneously.

Notes
- The beat tempo input is canceled if you press any buttons other than BPM CONTROL.
- If you input the tempo less than BPM 40, "Hit Faster" appears in the display. Hit again in faster tempo.
- If you input the tempo more than BPM 200, "Hit Slower" appears in the display. Hit again in slower tempo.
- If the tempo of the beat pattern does not match the tempo of the music, change the speed manually after you input the tempo.

Tips
- You can use the drum pads and the beat function at the same time.
- You can transfer the sound of the drum pad or beat pattern onto a USB device using Manual Transferring only.

Using the Crossfader

You can isolate the sound from CHANNEL A and B or blend them together using the Crossfader. By sliding the CROSS FADER slider from one position to another will vary the output signals of the CHANNEL A and B respectively.

To	Do this
Listen to CHANNEL A only	Slide the CROSS FADER slider all the way to the left.
Listen to CHANNEL B only	Slide the CROSS FADER slider all the way to the right.
Mix the sound from CHANNEL A and B	Slide the CROSS FADER slider to the position which the percentage of audio sources you want to mix.

Monitor Cue

You can monitor the audio source playback on CHANNEL A or B through a headphone without interruption of the sound output from the speakers. Monitor Cue allows you to seek for a point for sound mixing before you perform Crossfader.

1 Connect a headphone (not supplied) to ⌂ jack.

> #### Note
> Be sure to turn the ⌂ LEVEL to MIN before you connect the headphone.

2 Press ⌂ CHANNEL SELECT repeatedly to select CHANNEL A or B.

The indicator for selected channel lights up.

3 Turn ⌂ LEVEL to adjust the volume level of the headphone.

Notes
- The sound output from the headphone is same as the input source.
- You cannot hear the sound from microphone and BEAT BLEND through a headphone.
- The headphone output will not affected by CROSS FADER slider position.

Changing the display

1 Press OPTIONS.

2 Turn JOG DIAL to select "ILLUM", then press ENTER.

3 Turn JOG DIAL to select the setting you want.

4 Press ENTER.

To exit the OPTIONS menu
Press OPTIONS again.

Changing the display mode

Press DISPLAY repeatedly while the system is turned off.

You can select the following display mode.

Demonstration[1]

The display changes and the indicators flash even when the system is turned off.

No display (Power Saving Mode)[1][2]

The display is turned off to conserve power. The timer and clock continue to operate.

Clock

The clock is displayed. The clock display automatically turns to Power Saving Mode after a few seconds. However, the display returns to clock display when you connect an iPod.[3]

[1] When an iPod is connected, the display change to clock. If you remove the iPod, the display changes to Power Saving Mode after a few seconds.
[2] You cannot perform the following operations during Power Saving Mode:
  – Setting the clock (page 17).
  – Changing the AM tuning interval (page 20).
  – Turning on the system by pressing the function buttons.
[3] The clock is displayed continuously while the iPod is being charged. To turn off the clock display, press DISPLAY (see "To stop charging the iPod" (page 28)).

Viewing information in the display

Checking the elapsed playing time, remaining time and titles

Press DISPLAY repeatedly during playback.
The following information appears in the display.

When playing an AUDIO CD:

① Elapsed playing time of the current track
② Remaining time of the current track
③ Remaining time of the current disc[1]
④ Clock display (for few seconds)
⑤ Effect on/off (for few seconds)

When playing audio files:

① Elapsed playing time of the current file
② Track name[2] from the file information
③ Artist name[3] from the file information
④ Album name[4] from the file information
⑤ Clock display (for few seconds)
⑥ Effect on/off (for few seconds)

[1] Appears only when "⌂" or Normal Play mode is selected.
[2] File name is displayed when there is no track name information from the file.
[3] "NO ARTIST" is displayed when there is no artist name information from the file.
[4] Folder name is displayed when there is no album name information from the file.

Checking the total playing time and titles

Press DISPLAY repeatedly when playback is stopped.
The following information appears in the display.

During "PGM" play mode:

① The last programmed item information
② Total number of programmed step[1][2] (for few seconds)
③ Memory free space of connected USB device[3]
④ Clock display (for few seconds)
⑤ Effect on/off (for few seconds)

During other play mode:

① AUDIO CD:
   Total number of tracks and total playing time
   Audio files:
   Total number of files of the current folder and folder name
   Total number of folders and volume label of the disc[2]/USB device[3]
② Memory free space of the connected USB device[3]

[1] "NO STEP" appears in the display if you have not program the tracks or files.
[2] Appears during CD function only.
[3] Appears during USB function only.

Notes

• Some text characters may not be displayed.
• If the audio file title contains characters which cannot be displayed, these characters will be displayed as "_".

Other Operations

Creating your own program
— Program Play

You can make a program of up to 25 steps in the order you want them to be played back.
You can synchro transfer the programmed tracks or files onto an USB device (page 21).

1 Select the function you want.

Press CD to select CD function.
Press USB to select USB function.
You can also press FUNCTION +/– on the remote repeatedly to select "CD" or "USB".

2 When playback is stopped, press PLAY MODE on the remote repeatedly until "PGM" lights up in the display.

3 (For CD function only)

To program all the tracks on a disc at once:
Press ⏮ or ⏭ on CHANNEL B (or ⏮ or ⏭ on the remote) repeatedly until "ALL" appears in the display. Then, proceed to step 5.

To program all the MP3 files on a folder at once:
Press 🗀 +/– repeatedly until the folder you want appears in the display, then proceed to step 5.

4 Select a track or file to program.

To program a track:
Press ⏮ or ⏭ on CHANNEL B (or ⏮ or ⏭ on the remote) repeatedly until the track number you want appears in the display.

To program an audio file:
Press 🗀 +/– repeatedly until the folder you want appears in the display, then press ⏮ or ⏭ on CHANNEL B (or ⏮ or ⏭ on the remote) repeatedly until the file number you want appears in the display.
"– –.– –" flashes in the display.

Track or file number

Total playing time (including selected track)[1]

File name[2]   [2]
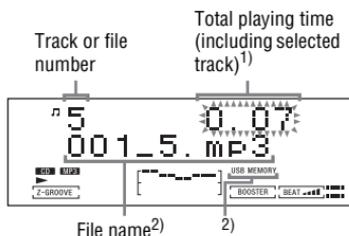
[1] When program an audio file, "– –.– –" appears.

[2] Appears when an optional USB device is recognized.

5 Press ENTER on CHANNEL B (or ⊕ on the remote).

The track(s) or file(s) is(are) programmed.
The programmed step number appears in the display.

6 **Repeat steps 3 to 5 to program additional folders, tracks or files.**

7 **Press ▷❚❚ on CHANNEL B (or ▶ on the remote).**

Program Play starts.

Other operations

To	Do this
Cancel Program Play	When playback is stopped, press PLAY MODE on the remote repeatedly until "PGM" disappear from the display.
Delete the last step from the program list	Press CLEAR on the remote when playback is stopped.

Note

(For USB function only)
The program list is cleared when you perform the erase operation.

Tips

• The program you made remains in the system's memory even after it has been played back. Press ▷❚❚ on CHANNEL B (or ▶ on the remote) to play back the same program again.
• If "--.--" appears instead of the total playing time during programming, this means:
  – you have programmed a track in an AUDIO CD with track number exceeds 20.
  – the total playing time has exceeded 100 minutes.
  – you have programmed an audio file.

Presetting radio stations

You can preset your favourite radio stations and tune them in instantly by selecting the corresponding preset number.
Use buttons on the remote to preset stations.

1 **Tune in the station you want (see "Listening to the radio" (page 20)).**

2 **Press TUNER MEMORY.**

A preset number flashes in the display. The stations are stored from preset number 1.
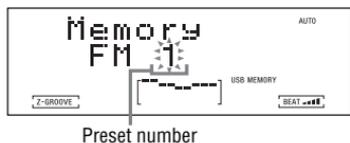
Preset number

3 **Press +/– repeatedly to select the preset number you want.**

If another station is already assigned to the selected preset number, the station is replaced by the new stations.

4 **Press ⊕.**

"Complete!" appears in the display. The station is stored.

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5 **Repeat steps 1 to 4 to store other stations.**

You can preset up to 20 FM and 10 AM stations.

6 **To call up a preset radio station, press TUNING MODE repeatedly until "PRESET" lights up in the display. Then, press +/– repeatedly to select the preset number you want.**

To cancel presetting
Press TUNER MEMORY.

Using the Radio Data System (RDS)
(European model only)

What is the Radio Data System?
Radio Data System (RDS) is a broadcasting service that allows radio stations to send additional information along with the regular program signal. This tuner offers convenient RDS features like station name. RDS is available only on FM stations.*

* Not all FM stations provide RDS service, nor do they provide the same types of services. If you are not familiar with the RDS system, check with your local radio stations for details on RDS services in your area.

Note
RDS may not work properly if the station you are tuned in is not transmitting the RDS signal properly or if the signal is weak.

Receiving RDS broadcasts
Simply select a station from FM band.

When you tune in a station that provides RDS services, the station name appears in the display.

To check the RDS information
While receiving an RDS station, press DISPLAY repeatedly.

RDS information appears on the display.

Ajusting the sound effect

You can adjust the sound by raising or lowering the level of specific frequency band.

Turn LOW jog to adjust the level of low frequency band.

Turn MID jog to adjust the level of medium frequency band.

Turn HIGH jog to adjust the level of high frequency band.

The setting is entered automatically.

Singing along

You can sing along with any audio source that play back on this system.

1 Turn MIC LEVEL to MIN to reduce the microphone volume.

2 Connect an optional microphone to MIC jack.

3 Start playing the music and adjust the volume.

4 Turn MIC LEVEL to adjust the microphone volume.

If acoustic feedback (howling) occurs, reduce the volume, move the microphone away from the speakers, or change the direction of the microphone.
After you have finished, turn MIC LEVEL to MIN, then disconnect the microphone from the MIC jack.

Other Operations

Using the timer

The system offers three timer functions.

Sleep Timer

You can set the system to turn off after a certain time, so that you can fall asleep to music.

Press SLEEP on the remote repeatedly.
The minute display (turn-off time) changes.
If you select "AUTO", the system automatically turns off after the current disc or USB device stops or after 100 minutes. When you played back the source on CHANNEL A and B simultaneously, the system will turns off after the playback on CHANNEL B stops. Do not select "AUTO" during CD-USB Synchronized Transfer or the erase operation.

Note
The system is not turned off on the preset time during the USB erase operation.
The system will only automatically turns off after the USB erase operation finish.

Tip
To check the remaining time, press SLEEP on the remote once. However, you cannot check the remaining time if you select "AUTO".

Play Timer/Recording Timer

You cannot activate both the Play Timer and the Recording Timer at the same time. If you use either with the Sleep Timer, the Sleep Timer has priority.
Make sure you have set the clock.
Use the buttons on the remote for the operation.

Play Timer:
You can wake up to music from disc, iPod 2, tuner or optional USB device at a preset time.
You can only set the Play Timer for audio source on CHANNEL B only.

Recording Timer:
You can transfer onto a transferable USB device from a preset station at a specified time.

1 Prepare the sound source.

For Play Timer:
Prepare the sound source and then press VOLUME +/– to adjust the volume.
To start from a specific track or file, create your own program (page 34).

For Recording Timer:
Tune in the preset radio station you want (page 35).

2 Press TIMER MENU.

3 Press ↑/↓ or ⏮/⏭ repeatedly to select "PLAY SET?" or "REC SET?", then press ⊕.

"ON" appears and the hour indication flashes in the display.

4 Set the time to start playback or transferring.

Press ↑/↓ or ⏮/⏭ repeatedly to set the hour, then press ⊕.
The minute indication flashes in the display. Use the procedure above to set the minute. "OFF" appears and the hour indication flashes in the display.

5 Set the time to stop playback or transferring using the same procedure as step 4.

6 Select the sound source or prepare the USB device. Then, slide CROSS FADER slider to B.

For Play Timer:

Press ↑/↓ or ↦◄/▸►↦ repeatedly until the music source you want appears in the display, then press ⊕. The display will show the timer settings.

For Recording Timer:

The display will show the timer settings. Connect a transferable USB device.

7 Press I/⏻ to turn off the system.

The system turns on a few seconds before the preset time.* If the system is on at the preset time, the Play Timer and the Recording Timer will not play or transfer.

* For USB Recording Timer, the system turns on approximately 1 minute before the preset time.

Other operations

To	Do this
Check the setting	**1** Press TIMER MENU to select "TIMER SELECT?", then press ⊕.
	2 Press ↑/↓ or ↦◄/▸►↦ repeatedly to select "PLAY SELECT?" or "REC SELECT?", then press ⊕.
Change the setting	Start from step 1.

To	Do this
Cancel the Play Timer or Recording Timer	**1** Press TIMER MENU to select "TIMER SELECT?", then press ⊕.
	2 Press ↑/↓ or ↦◄/▸►↦ repeatedly to select "TIMER OFF?", then press ⊕.

Notes

• The Play Timer and Recording Timer will not be activated if the system is turned on or if "STANDBY" flashes in the display.
• The Play Timer setting remains as long as the setting is not canceled manually.
• The Recording Timer is automatically canceled after the Recording Timer has been activated.
• The volume is reduced to minimum during Recording Timer.
• The system is not turned off on the preset time during the USB erase operation.
  The system will only automatically turns off after the USB erase operation finish.
• During Play Timer is activated, if the CROSS FADER slider is positioned at A, there will be no sound is output unless an audio source is played back on CHANNEL A.
• During Recording Timer is activated, if the CROSS FADER slider is positioned at A, no sound will be recorded unless an audio source is played back on CHANNEL A.
• The Play Timer may not be activated depending on the status of the connected iPod.

Note on the iPod touch

The Play Timer may not be activated depending on the status of the connected iPod touch.

Additional Information

Troubleshooting

Should you encounter a problem with your system, do the following:

1 Make sure the power cord and speaker cords are connected correctly and firmly.

2 Find your problem in the troubleshooting checklist below and take the indicated corrective action.

If the problem persists after doing all of the above, consult your nearest Sony dealer.

Note that if service personnel changes some parts during repair, these parts may be retained.

In the event of a problem, have a Sony dealer check the entire system together.

When the STANDBY indicator flashes

Immediately unplug the power cord on the subwoofer and check the following items.
• If your subwoofer have a voltage selector, is the voltage selector set to the correct voltage?
  Check the voltage for your region, then make sure the voltage selector is set correctly.
• Are the + and – speaker cords short-circuited?
• Are you using the supplied speakers?
• Is anything blocking the ventilation holes on the rear of the unit?

After checking the above items and fixing any problems, plug in the power cord again and turn on the system. If the STANDBY indicator still flashes, or if the cause of the problem cannot be found even after checking all the above items, consult your nearest Sony dealer.

General

The display starts flashing as soon as you plug in the power cord even though you have not turned on the system.
• The demonstration mode started. Press I/⏻ (page 14).

The clock or timer setting is canceled.
• The power cord is disconnected or a power failure occurred. Redo "Setting the clock" (page 17). If you have set the timer, redo "Using the timer" (page 38).

"– –:– –" appears in the display.
• The clock is not set. Set the clock (page 17).
• A power failure has occurred. Set the clock (page 17) and timer settings (page 38) again.

There is no sound.
- Turn VOLUME +/– clockwise (or press VOLUME + repeatedly on the remote).
- Check the CROSS FADER slider position (page 31).
- Check the speaker connections (page 13).
- There is no audio output during Recording Timer.

There is no microphone sound.
- Turn VOLUME +/– clockwise (or press VOLUME + repeatedly on the remote) or turn MIC LEVEL clockwise to adjust the microphone volume.
- Make sure the microphone is connected to the MIC jack correctly.

There is severe hum or noise.
- A TV or VCR is placed too close to the unit. Move the unit away from the TV or VCR.
- Move the unit away from the source of noise.
- Connect the unit to a different wall outlet.
- Install a noise filter (commercially available) to the power cord.
- Turn off surrounding electrical equipment.

The timer does not function.
- Check the timer setting and set the correct time (page 38).
- Cancel the Sleep Timer function (page 38).
- You cannot select the Play Timer and the Recording Timer at the same time.
- Check the CROSS FADER slider position (page 31).

The remote does not function.
- Remove the obstacles between the remote and the unit.
- Move the remote closer to the unit.
- Point the remote at the unit's sensor.
- Replace the batteries (R6/size AA).
- Move the unit away from the fluorescent light.

There is no sound output from the headphone.
- Turn ⌂ LEVEL clockwise to adjust the headphone volume.
- Check the headphone connection.
- Check that the audio source on the selected channel is played back.

There is beat sound even though you have not played back any source.
- Press BEAT ON/OFF to turn off beat pattern.

There is acoustic feedback.
- Reduce the volume.
- Move the microphone away from the speakers or change the direction of the microphone.

Speakers

Sound comes from one channel or unbalanced left and right volume.
- Place the speakers as symmetrically as possible.
- Check that the speaker are connected securely and correctly.
- The source being played back is monaural.

There is no sound from the subwoofer.
- Adjust the subwoofer level to the appropriate level.
- Check that the subwoofer is connected securely and correctly.
- Check that the SYSTEM CONTROL jack on the unit is connected.
- Check that the power cord on the subwoofer is connected and the power is turned on.

Sound lacks bass.
- Check that the speaker's + and – terminals are connected correctly.

Disc player

The disc tray does not open and "LOCKED" appears in the display.
• Consult your nearest Sony dealer or local authorized Sony service facility.

The disc tray does not close.
• Load the disc correctly.
• Always close the disc tray by pressing ⏏. Do not forcibly push the disc tray to close it as this may cause a malfunction.

The disc does not eject.
• You cannot eject the disc during CD-USB Synchronized Transfer, or REC1 Transferring. Press ■ to cancel the transferring, then press ⏏ to eject the disc.
• Consult your nearest Sony dealer.

Playback does not start.
• Open the disc tray and check whether a disc is loaded.
• Wipe the disc clean (page 48).
• Reload the disc.
• Load the disc that this system can play back (page 48).
• Load the disc on the disc tray with the label side facing up.
• Remove the disc and wipe away the moisture on the disc, then leave the system turned on for a few hours until the moisture evaporates.
• Press ▷⏸ (or ▶ on the remote) to start playback.

The sound skips.
• Wipe the disc clean (page 48).
• Reload the disc.
• Move the unit to a place without vibration (e.g., on top of a stable stand).
• Move the speakers away from the unit, or place them on separate stands. When you listen to a track with bass sounds at high volume, the speaker vibration may cause the sound to skip.

Playback does not start from the first track.
• The system is in Program Play or Shuffle Play mode. Press PLAY MODE on the remote repeatedly until both "PGM" and "SHUF" light off in the display.

The MP3 file cannot be played back.
• The MP3 file is not recorded in a format that conforms to ISO9660 Level 1/ Level 2, or Joliet (expansion format).
• The MP3 file does not have the extension ".mp3".
• The MP3 file in format other than MPEG 1 Audio Layer 3 cannot be played back.
• The system can play back to a depth of 8 folders only.
• The disc contains more than 256 folders.
• The disc contains more than 511 MP3 files.
• MP3 files in MP3 PRO format cannot be played back.

The MP3 files take a longer time to play back than others.
• After the system reads all the files on the disc, playback may take more time than usual if:
  – the number of folders or files on the disc is very large.
  – the folder and file organization structure is very complex.

The folder name, track name, file name and ID3 tag characters do not appear properly.
• Use a disc that conforms to ISO9660 Level 1/Level 2, or Joliet (expansion format).
• The ID3 tag is not version 1 or version 2.
• The character code that can be displayed by this system are as follows:
  – Upper cases (A to Z)
  – Lower cases (a to z)
  – Numbers (0 to 9)
  – Symbols (< > * +, ? / [ ] \ _)
  Other characters may not be displayed correctly.

• ID3 tag information for MP3 audio files is displayed when the files have ID3 version 1 or ID3 version 2. If there are ID3 version 1 and version 2 tags, ID3 version 2 tag information has priority.

USB device

You cannot start transferring to an USB device.
• The following problems may have occurred.
  – The USB device is full.
  – The number of audio file and folder that system can recognize has reached the upper limit.
  – The USB device is write-protected.

Transferring is stopped before it is finished.
• You are using an unsupported USB device. See "Compatible devices with this system" (page 52) for the supported device types.
• The USB device is not formatted correctly. Refer to the USB device operating instructions for how to format.
• Turn off the system and remove the USB device. Then, turn on the system. If the USB device has a power switch, turn the USB device off and then on again after removing it from the system. Then perform transferring again.
• If the transferring and erase operations are repeated multiple times, the file structure within the USB device becomes complex. Refer to operating instructions of the USB device on how to remedy this problem.

Transferring to an USB device results in an error.
• You are using an unsupported USB device. See "Compatible devices with this system" (page 52) for the supported device types.
• The USB device was disconnected or the power was turned off during transferring. Delete the partially-transferred file, and transfer again. If this does not fix the problem, the USB device may be broken. Refer to operating instructions of the USB device on how to remedy this problem.
• Turn off the system and remove the USB device. If the USB device has a power switch, turn the USB device off and then on again after removing it from the system. Then perform transferring again.

Audio files or folders on the USB device cannot be erased.
• Check if the USB device is write-protected.
• The USB device was disconnected or the power was turned off during the erase operation. Delete the partially-erased track. If this does not fix the problem, the USB device may be broken. Refer to operating instructions of the USB device on how to remedy this problem.

Are you using a supported USB device?
• If you connect an unsupported USB device, the following problems may occur. See "Compatible devices with this system" (page 52) for the supported device types.
  – The USB device is not recognized.
  – File or folder names are not displayed on this system.
  – Playback is not possible.
  – The sound skips.
  – There is noise.
  – A distorted sound is output.
  – Transferring stops before it is finished.

Continued ⟹

"Over Current" appears in the display.

- A problem has been detected with the level of electrical current from the ⊷ (USB) port. Turn off the system and remove the USB device from the ⊷ (USB) port. Make sure there is no problem with the USB device. If this display pattern persists, contact your nearest Sony dealer.

"No Medium" appears in display.

- Check the memory device on the Sony Ericsson mobile phone.

There is no sound.

- The USB device is not connected correctly. Turn off the system, then connect the USB device again and check if "USB MEMORY" lights up in the display.

There is noise, skipping, or distorted sound.

- Turn off the system, then connect the USB device again.
- The music data itself contains noise, or the sound is distorted. Noise may have entered during the transferring process. Delete the file, and try transferring again.

The USB device cannot be connected into the ⊷ (USB) port.

- The USB device is being connected backwards. Connect the USB device in the correct orientation.

"USB Reading" is displayed for an extended time, or it takes a long time before playback starts.

- The reading process can take a long time in the following cases.
  – There are many folders or files on the USB device.
  – The file structure is extremely complex.
  – The memory capacity is excessive.
  – The internal memory is fragmented.
  Thus, we recommend following these guidelines.
  – Total folders on USB device: 100 or less
  – Total files per folder: 100 or less

Erroneous display.

- The data stored in the USB device may have been corrupted, perform the transferring again.
- The character code that can be displayed by this system are as follows:
  – Upper cases (A to Z)
  – Lower cases (a to z)
  – Numbers (0 to 9)
  – Symbols (< > * +, ? / [ ] \ _)
  Other characters may not be displayed correctly.

The USB device is not recognized.

- Turn off the system, then reconnect the USB device.
- Connect the supported USB device (page 52).
  The USB device does not work properly. Refer to the USB device operating instructions for how to deal with this problem. If the problem persists, contact your nearest Sony dealer.

Playback does not start.
- Turn off the system, then connect the USB device again.
- Connect the supported USB device (page 52).
- Press ▷⫿⫿ (or ▶ on the remote) to start playback.

Playback does not start from the first track.
- Set the play mode to Normal Play (page 26).

The audio files cannot be played back.
- MP3 files in MP3 PRO format cannot be played back.
- Some AAC files may not be played back correctly.
- WMA files in Windows Media Audio Lossless and Professional format cannot be played back.
- The data is not stored in MP3/WMA/AAC format.
- USB device formatted with file systems other than FAT16, or FAT32 (cluster size 512 byte – 32 kbyte) are unsupported.*
- If you use partitioned USB device, only audio files on the first partition can be played back.
- Playback is possible up to 8 folder levels.
- The number of folders has exceeded 997.
- The number of audio files has exceeded 999.
- Files that are encrypted or protected by passwords, etc. cannot be played back.

* This system supports FAT16 and FAT32, but some USB device may not support all of these FAT. For details, see the operating instructions of each USB device or contact the manufacturer.

iPod

There is no sound.
- Make sure the iPod is connected securely.
- Make sure the iPod is playing music.
- Adjust the volume.
- Depending on the contents of the iPod, it may take time to start playback.
- You are using an unsupported iPod. See "Compatible devices with this system" (page 52) for the supported device types.
- Check the CROSS FADER slider position (page 31).

The sound is distorted.
- Reduce the volume.
- Set the "EQ" setting of the iPod to "Off" or "Flat".

The iPod cannot be charged.
- Make sure the iPod is connected securely.

Tuner

There is severe hum or noise. ("TUNED" or "STEREO" flashes in the display)
- Set the proper band and frequency (page 20).
- Connect the antenna properly (page 13).
- Find a place and an orientation that provide good reception, then set up the antenna again. If you cannot obtain good reception, we recommend that you connect a commercially available external antenna.
- The supplied FM lead antenna receives signals along its entire length, so make sure you extend it fully.
- Locate the antennas as far away from the speaker cords as possible.
- Try turning off the surrounding electrical equipment.

A stereo FM program cannot be received in stereo.
• Press FM MODE on the remote repeatedly until "MONO" disappears from the display.

Optional components

There is no sound.
• Refer to General item "There is no sound." (page 41) and check the condition of the system.
• Connect the component properly (page 13) while checking:
  – if the cords are connected properly.
  – if the cord plugs are firmly inserted all the way.
• Turn on the connected component.
• Refer to the operating instructions supplied with the connected component and start playing.

To reset the system to factory settings

If the system still does not operate properly after performing the above measures or other troubles not described above occur, reset the system as follows: Use the buttons on the unit for the operation.

1 Unplug the power cord.

2 Plug the power cord back in.

3 Press I/⏻ to turn on the system.

4 Press ■, PAD I and I/⏻ at the same time.
  "COLD RESET" appears in the display.

The system is reset to the factory settings. You need to readjust all the settings you made, such as the preset stations, clock and timer.

Messages

One of the following messages may appear or flash in the display during operation.

Disc/ Timer

No Disc
There is no disc on the disc tray or you have loaded a disc that cannot be played back on this system.

Not in Use
You have pressed a button those operation is not allowed or invalid at that time.

OFF TIME NG!
The on time and off time of Play Timer or Recording Timer is the same.

Push STOP!
You have pressed PLAY MODE on the remote during playback.

Reading
The system is reading information of the disc. Some buttons are not available.

NO STEP
You have cleared all the steps you programmed.

OVER
You have reached the end of the disc while pressing ►► on the remote during playback or pause.

Step Full!
You tried to program more than 25 steps.

USB device

USB Reading
The system is reading information of the USB device. Some buttons are not available.

Data Error
You tried to play back a audio file that is not playable (page 45).

Device Error
The USB device could not be recognized or an unknown device is connected.

Fatal Error!
The USB device was removed during transferring or erase operation, and may have been damaged.

NO STEP
All of the programmed files have been erased.

Not Supported
An unsupported USB device is connected or the USB device is connected through an USB hub.

No Track
No playable audio file is loaded in the system.

Not in Use
You tried to perform a specific operation under conditions where that operation is prohibited.

Over Current
An over current was detected.

Protected!
You tried to transfer or erase a write-protected USB device.

Push STOP!
You tried to perform an operation that can be performed only when the playback is stopped.

REC Error!
Transferring did not start, stopped partway, or otherwise could not be performed (page 43).

Removed
The USB device has been removed.

Step Full!
You tried to program more than 25 tracks or files (steps).

Track Full!
You cannot transfer onto the USB device because the number of file has reached its maximum.

Folder Full!
You cannot transfer onto the USB device because the number of folder has reached its maximum.

Device Full!
The memory of the USB device is full.

Precautions

Discs that this system CAN play
- AUDIO CD
- CD-R/CD-RW (audio data/MP3 files)

Discs that this system CANNOT play
- CD-ROM
- CD-R/CD-RW other than those recorded in music CD format or MP3 format conforming to ISO9660 Level 1/Level 2, Joliet (expansion format)
- CD-R/CD-RW recorded in multisession that have not ended by "closing the session"
- CD-R/CD-RW of poor recording quality, CD-R/CD-RW that have scratches or are dirty, or CD-R/CD-RW recorded with an incompatible recording device
- CD-R/CD-RW which is finalized incorrectly
- Disc containing files other than MPEG 1 Audio Layer-3 (MP3) files
- Discs of non-standard shape (for example, heart, square, star)
- Discs that have adhesive tape, paper, or sticker attached to them
- Rental or used discs with attached seals where the glue extends beyond the seal
- Discs that have labels printed using ink that feels tacky when touched

Notes on discs
- Before playing, wipe the disc with a cleaning cloth from the center out to the edge.
- Do not clean discs with solvents, such as benzine, thinner, or commercially available cleaners or anti-static spray intended for vinyl LPs.
- Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight.

On safety
- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall socket, even if the unit itself has been turned off.
- Completely disconnect the power cord (mains lead) from the wall socket (mains) if it is not going to be used for an extended period of time. When unplugging the unit, always grip the plug. Never pull the cord itself.

- Should any solid object or liquid get into the system, unplug the system, and have it checked by qualified personnel before operating it again.
- The AC power cord can be changed only by a qualified service facility.

On placement
- Do not place the system in an inclined position or in locations that are extremely hot, cold, dusty, dirty, or humid or lacking adequate ventilation, or subject to vibration, direct sunlight or a bright light.
- Be careful when placing the unit or speakers on surfaces that have been specially treated (for example, with wax, oil, polish) as staining or discoloration of the surface may result.
- If the system is brought directly from a cold to a warm location or is placed in a very damp room, moisture may condense on the lens inside the unit, and cause the system to malfunction. In this situation, remove the disc, and leave the system turned on for about an hour until the moisture evaporates.

On heat buildup
- Heat buildup on the unit during operation is normal and is not a cause for alarm.
- Do not touch the cabinet if it has been used continuously at a high volume because the cabinet may have become hot.
- Do not obstruct the ventilation holes.

On the speaker system
This speaker system is not magnetically shielded, and the picture on nearby TV sets may become magnetically distorted. In this situation, turn off the TV, wait 15 to 30 minutes, and turn it back on. If there is no improvement, move the speakers far away from the TV.

Cleaning the cabinet
Clean this system with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent, such as thinner, benzine, or alcohol.

Specifications

AUDIO POWER SPECIFICATION

POWER OUTPUT AND TOTAL
HARMONIC DISTORTION:

USA model only

With 6-ohm loads, both channels driven,
from 120 Hz – 10 kHz; rates 90 watts per
channel minimum RMS power, with no
more than 0.7% total harmonic distortion
from 250 miliwatts to rated output.

Amplifier section

North American model only

The following are measured at
    AC 120 V, 60 Hz

Front speaker
RMS output power (reference):
    150 W + 150 W (per channel at 6 Ω,
    1 kHz, 10% THD)
Subwoofer
RMS output power (reference):
    150 W (at 6 Ω, 100 Hz, 10% THD)

Other models

The following are measured at
Mexican model:
    AC 127 V, 60 Hz
Other models:
    AC 120, 220, 230 – 240 V, 50/60 Hz

Front speaker
Power Output (rated):
    90 W + 90 W (at 6 Ω, 1 kHz, 1% THD)
RMS output power (reference):
    150 W + 150 W (per channel at 6 Ω,
    1 kHz, 10% THD)

Subwoofer
RMS output power (reference):
    150 W (at 6 Ω, 100 Hz, 10% THD)

Inputs

LINE IN 1, 2 L/R:
    Voltage 250 mV, impedance
    47 kilohms
MIC:
    Sensitivity 1 mV, impedance
    10 kilohms
⟵⟶ (USB) port:
    Type A

Outputs

⌒ : accepts headphones of 8 Ω or more
FRONT SPEAKER:
    accepts impedance of 6 Ω

Disc player section

System
    Compact disc and digital audio system
Laser Diode Properties
    Emission Duration: Continuous
    Laser Output*: Less than 44.6 µW
    * This output is the value measurement
      at a distance of 200 mm from the
      objective lens surface on the Optical
      Pick-up Block with 7 mm aperture.
Frequency response
    20 Hz – 20 kHz
Signal-to-noise ratio
    More than 90 dB
Dynamic range
    More than 88 dB

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range
  North American model:
  87.5 – 108.0 MHz (100 kHz step)
  Other models:
  87.5 – 108.0 MHz (50 kHz step)
Antenna
  FM lead antenna
Antenna terminals
  75 ohms unbalanced
Intermediate frequency
  10.7 MHz

AM tuner section

Tuning range
  Pan-American and Oceanian models:
  530 – 1,710 kHz (with the interval set at 10 kHz)
  531 – 1,710 kHz (with the interval set at 9 kHz)
  European model:
  531 – 1,602 kHz (with the interval set at 9 kHz)
  Other models:
  531 – 1,602 kHz (with the interval set at 9 kHz)
  530 – 1,610 kHz (with the interval set at 10 kHz)
Antenna
  AM loop antenna
Antenna terminals
  External antenna terminal
Intermediate frequency
  450 kHz

USB section

Supported bit rate
  MP3 (MPEG 1 Audio Layer 3):
  32 – 320 kbps, VBR
  WMA: 32 – 192 kbps, VBR
  AAC: 48 – 320 kbps
Sampling frequencies
  MP3 (MPEG 1 Audio Layer 3):
  32/44.1/48 kHz
  WMA: 44.1 kHz
  AAC: 44.1 kHz
Transfer speed
  Full-Speed
Supported USB device
  Mass Storage Class
Maximum current
  500 mA

iPod section

DC5V 500 mA MAX

Speakers

Front speaker (SS-DJ2i)

Speaker system
  3-way, 3-driver, Bass reflex
Speaker unit
  Woofer: 130 mm (5 $^1/_2$ inches), cone type
  Subwoofer: 130 mm (5 $^1/_2$ inches), cone type
  Tweeter: 40 mm (1 $^1/_2$ inches), horn type
Rated impedance
  6 ohms
Dimensions (w/h/d)
  Approx. 205 × 381 × 248 mm
  (8 $^1/_8$ × 15 × 9 $^7/_8$ inches)
Mass
  Approx. 4.0 kg (8 lb 14 oz) net per speaker

Subwoofer (SA-WG2i)
Subwoofer system
     1-way, 2-driver, Bass reflex
Speaker unit
     Subwoofer: 180 mm (7 inches),
     cone type
Rated impedance
     6 ohms
Dimensions (w/h/d)
     Approx. $500 \times 306 \times 505$ mm
     $(19\,^3/_4 \times 12\,^1/_8 \times 20$ inches)
Mass
     Approx. 16.5 kg (36 lb 7 oz)

General

Power requirements
     North American model: 120 V AC,
     60 Hz
     European model: 230 V AC, 50/60 Hz
     Mexican model: 127 V AC, 60 Hz
     Oceanian model: 230 – 240 V AC,
     50/60 Hz
     Other models: 120 V, 220 V or
     230 – 240 V AC, 50/60 Hz, adjustable
     with voltage selector
Power consumption
     Canadian model: 450 VA
     Other models: 345 W
Dimensions (w/h/d) (Approx.)
     HCD-DJ2i: $380 \times 146.8 \times 288$ mm
     $(15 \times 5\,^7/_8 \times 11\,^3/_8$ inches)

Mass (Approx.)
     HCD-DJ2i: 3.2 kg (7 lb 1 oz)
Supplied accessories
     Remote Commander (1)
     R6 (size AA) batteries (2)
     AM loop antenna (1)
     FM lead antenna (1)
     Front speaker pads (8)
     iPod Dock Adapters (5 set)

Design and specifications are subject to
change without notice.

eco info
• Standby power
  consumption: 0.5 W
• Halogenated flame
  retardants are not used in the
  certain printed wiring
  boards.

Compatible devices with this system

USB devices

You can use the following Sony USB devices on this system.

Verified Sony USB device (as of March 2008)

Product name	Model name
Walkman®	NWD-B103/ B103F/ B105/ B105F
	NWZ-A815/ A816/ A818
	NWZ-S515/ S516/ S615F/ S616F/ S618F
IC Recorder	ICD-SX57/ SX67/ SX77
	ICD-U50/ U60/ U70
	ICD-SX68/ SX78/ SX88
MICROVAULT	USM512JX/ 1GJX/ 2GJX/ 4GJX

Verified Sony Ericsson mobile phone (as of March 2008)

Product name	Model name
Walkman® Phone	W880i/ W850i/ W710i/ W660i/ W580i
	W910i

Check the websites below for the latest information about compatible devices.
For customers in the U.S.A.:
<http://www.sony.com/shelfsupport>
For customers in Canada:
English <http://www.sony.ca/ElectronicsSupport/>
French <http://fr.sony.ca/ElectronicsSupport/>
For customers in Europe:
<http://sonydigital-link.com/dna>
For customers in Latin America:
<http://www.sony-latin.com/pa/info>

For customers in Asia and Oceania:
<http://www.css.ap.sony.com/>

Notes
- Do not use USB devices other than these USB devices. Operation of models not listed here is not guaranteed.
- Operation may not always be ensured even when using these USB devices.
- Some of these USB devices may not be available for purchase in certain areas.
- See the operating instructions supplied with the USB device for details on the operation method.
- If you want to format the above USB devices, be sure to use the models or formatter software supplied with the USB device. However, if the formatting process is performed using other method, the transferring may not be properly done.

Notes on using the Sony Ericsson mobile phone
- Set the data transfer mode of your mobile phone to File Transfer (Mass Storage). For details, refer to the operating instructions supplied with the mobile phone.
- Use the USB cable supplied with the mobile phone when connecting to the system.
- Some AAC audio files supported by the mobile phone are not supported by this system.
- In the case that the song which is registered as the playlist in the mobile phone is erased by this system, the playlist registration is not deleted.

Notes on Walkman®
- Some audio files supported by the Sony digital music player are not supported by this system.
- When the Sony digital music player is connected to this system, wait until the display of "Creating Library" or "Creating Database" disappears.
- When transferring music data from the Sony digital music player by using "Media Manager for WALKMAN", transfer in MP3 format.
- MP4 format file (AAC or VIDEO) cannot be displayed by this system.

iPod models

You can use the following iPod models on this system. Update your iPod with the latest software before using it.

iPod touch

iPod nano 3rd generation (video)

iPod classic

iPod nano 2nd generation (aluminum)

iPod 5th generation (video)

iPod nano 1st generation

iPod 4th generation (color display)

iPod 4th generation

iPod mini

Notes
- The iPod 1 and 2 connectors are designed for iPod only. You cannot connect any other portable audio players.
- Sony cannot accept responsibility in the event that data recorded to iPod is lost or damaged when using an iPod connected to this unit.
- This product has been designed specifically to work with iPod and has been certified to meet Apple performance standards.
- This unit is not compatible with iPhone.

Additional Information

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http://www.sony.net/